

5th Asia Pacific

GYNECOLOGY AND OBSTETRICS CONGRESS

August 22-23, 2018 Tokyo, Japan

Outcome of pregnancy in systemic sclerosis

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Statement of the Problem: A few studies have been published on the outcome of pregnancy among patients with Systemic Sclerosis (SSc) but to our knowledge none among Thai patients with SSc. Our objective was to determine the pregnancy outcome among Thai patients with SSc.

Methodology & Theoretical Orientation: An 11-year retrospective study (between 2007 and 2017) was conducted at Srinagarind Hospital, Khon Kaen University. All pregnant women with SSc were enrolled to evaluate their pregnancy outcomes.

Findings: Seven pregnancies from 5 women with SSc were reviewed. The pregnant women were between 23 and 37 years. Four of the 5 had the limited cutaneous SSc subset and two had overlap with other connective tissue diseases. Only one patient had pulmonary fibrosis before being pregnant but she continued the pregnancy without any worsening of the disease. Four of seven SSc pregnant participants required pregnancy termination for uncontrolled autoimmune hemolytic anemia, eclampsia with Hemolytic Elevated Liver enzyme and Low Platelet (HELLP), fetal distress, and premature rupture of membrane, respectively. The pre-term delivery occurred in 2 pregnant SSc patients and the maternal and fetal outcomes were normal.

Conclusion & Significance: The number of pregnant SSc patients in the 11-year historical review was limited previously studied. Most of patients had an uncomplicated pregnancy but the respective maternal and fetal outcome in those with SSc overlap with other connective tissue disease trended to be worse than in pure SSc. Family planning is suggested for all reproductive age SSc patients.

Biography

Lingling Salang is certified in Reproductive Medicine as well as Obstetrics and Gynecology. She has practiced as Specialists in Reproductive Medicine, Infertility and Endoscopy Surgery in Khon Kaen University, Khon Kaen, Thailand.

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